

Intra Rede Webinar Open Source



FELIX REDA

Senior Director, Developer Policy

GitHub

Agenda Session

- 01 Intro to Open Source
- 02 Open Source Evolution
- 03 Open Source Financing



Intro to Open Source



The Four Software Freedoms



Run



Study



Share



Improve

The Four Software Freedoms



Run



Study



Share



Improve

Condition: Source Code must be available

Open Source License

- allows redistribution by anyone, for any purpose.
- defined by the Open Source Initiative.

Copyleft License

- allows redistribution by anyone, for any purpose, under **condition**:
- You may not add restrictions that deny others the four freedoms.
- Copyleft licenses are open source licenses (e.g. GPL).
- Not all open source licenses are copyleft licenses.

Open Source Evolution

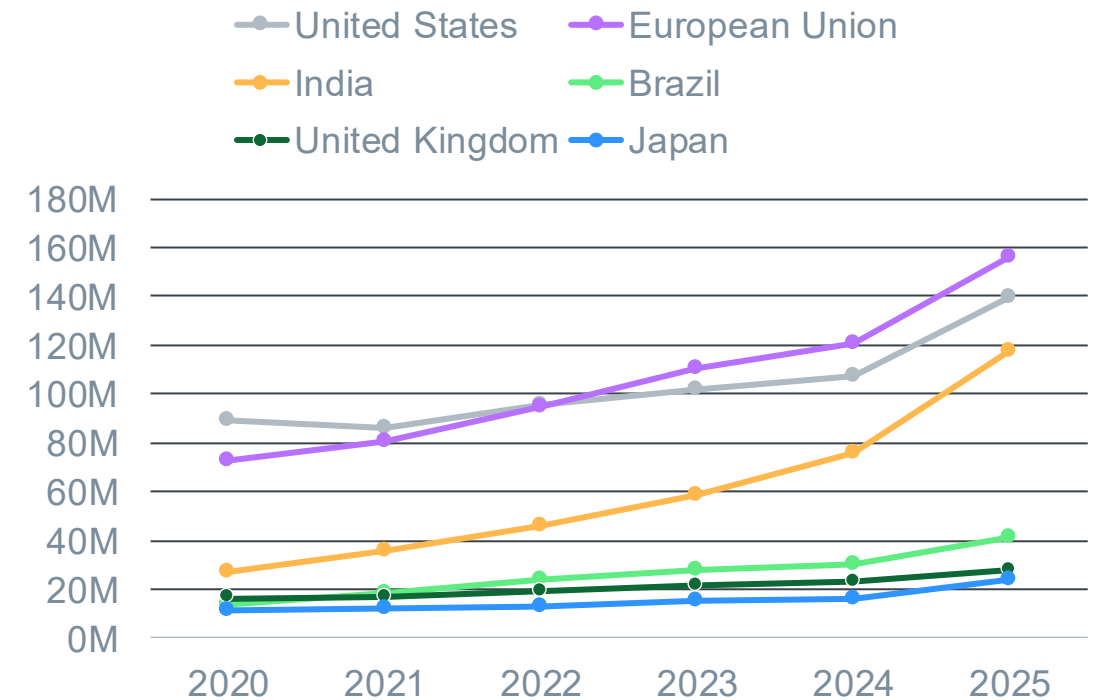


Public code contributions have nearly quadrupled 2020 to 2025

4x

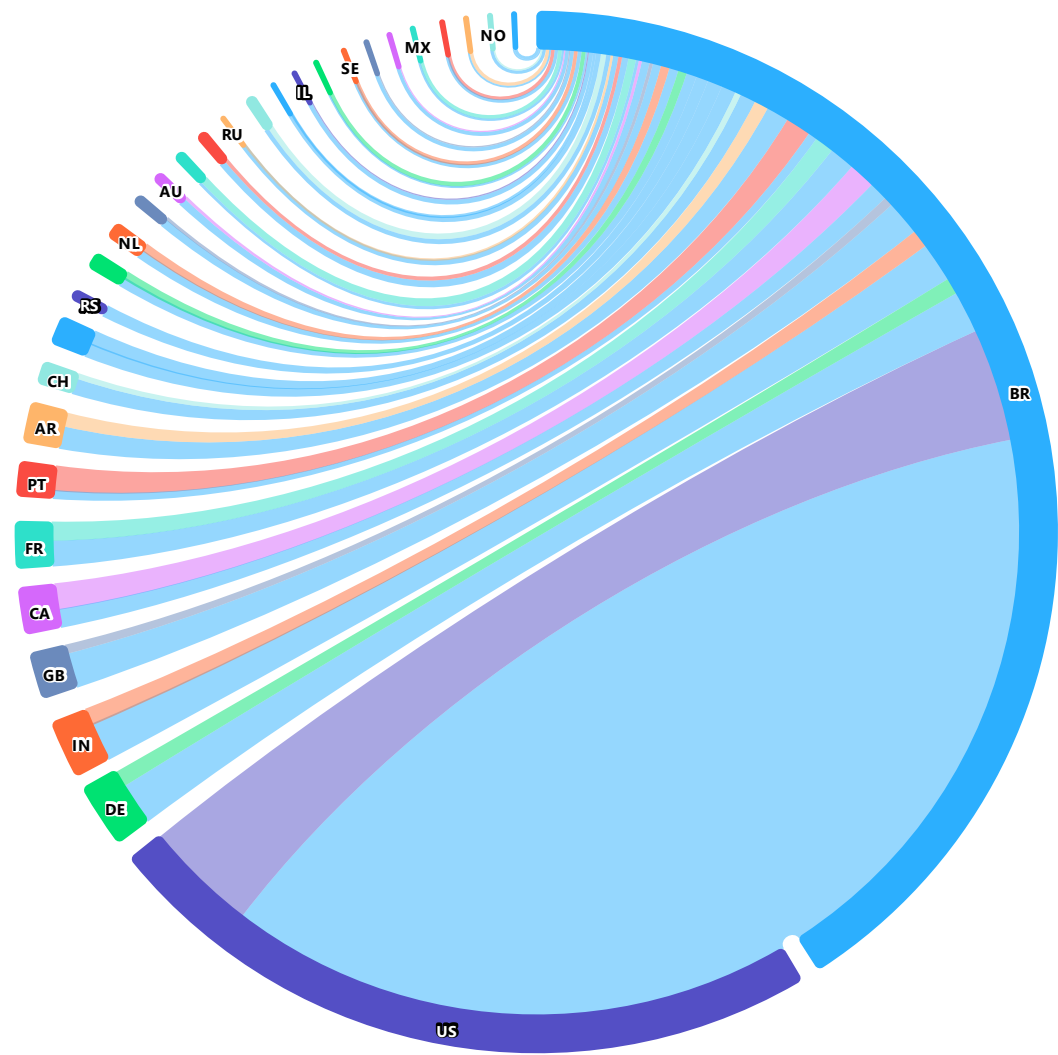
Brazil is a major open source contributor

GIT PUSHES PER YEAR BY REGION (TOP 6)



Source: GitHub Innovation Graph, annual totals 2020-2025.

BRAZIL: TOP ECONOMY COLLABORATORS



Source: GitHub Innovation Graph, Brazil — Economy Collaborators.

Brazil builds with the world

Open Source is global

Its developers collaborate most with the US,
Germany, India, the UK, Canada, France and Portugal



Open Source is everywhere

<> 96% of all code bases contain open source

≡ 77% of a typical code base are open source

 Open Source is valuable

 € 65-95B minimum contribution to EU GDP

 \$ 8.8T global demand-side value

 Open Source is underfunded

 1/3 of maintainers are unpaid

 1/3 are solo maintainers

Open Source Financing



Financing models



Industry development

Developers employed by companies



Donations/Investment

Can include individual users,
foundations, public sector bodies



Support contracts

Can include “pay to close” models

 Industry Development

Organizations invest estimated

\$7.7B

in open source each year

Employee time

86%

Developers paid to build and
maintain open source

Direct financial support

14%

Donations, sponsorships and
memberships



EXAMPLE

Donation and investment types



GitHub Sponsors

Micro-donations

Private donors

No expected return



Sovereign Tech Agency

Investment

Public sector

Maintenance and sustainability



Alpha-Omega

Investment

Industry (OpenSSF)

Security improvements



Prototype Fund

Seed funding

Public sector

New projects with public value





GitHub Secure Open Source Fund

powered by GitHub Sponsors



AMERICAN
EXPRESS



Mayfield



stripe



Funding

 **\$10,000**

Funding per project

 **20 Hours**

15 hours during three week program

5 hours over course of the year

 **\$500 Per Hour**

Paying maintainers to take time out to
focus on security

Focus

 **Fast-Growing or New**

 **Under-Resourced**

 **Secure Supply Chain**

...learn more about support contracts
from Maria!





Thank you